

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Middle Creek	Left	3.35	04/04/2017 04/04/2017	Bob Duffey

LM Start		Rating **	A	Issue No.	1
LM End		Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Operations & Maintenance Manuals			°	°
				°	°
DWR ID	DWR_NA0009_01_s _ 2013_1				
Comment Code					
Inspector Comment					
The LMA has the O&M manuals.					

No Photos

LM Start		Rating **	A	Issue No.	9
LM End		Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Emergency Supplies & Equipment			°	°
				°	°
DWR ID	DWR_NA0009_01_s _ 2013_9				
Comment Code					
Inspector Comment					
The LMA has adequate flood fight supplies and equipment.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Middle Creek	Left	3.35	04/04/2017 04/04/2017	Bob Duffey

LM Start		Rating **	A	Issue No.	10	
LM End		Issue Type +	Ma	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Flood Preparedness & Training				o	
					o	
DWR ID	DWR_NA0009_01_s_2013_10					
Comment Code						
Inspector Comment						
The LMA completed flood fight training in 2016.						

No Photos

LM Start	0.26	Rating **	M	Issue No.	11
LM End	0.26	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.186777 °	39.186777 °
				-122.908102 °	-122.908102 °
DWR ID	DWR_NA0009_01_s_2013_11				
Comment Code					
T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

Photo 1 of 1 : SP_2017_NA0009_3_11_20170315_00006.jpg



View of the overgrown trees at the landside slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Middle Creek	Left	3.35	04/04/2017 04/04/2017	Bob Duffey

LM Start	2.26	Rating **	A/W	Issue No.	537
LM End	2.26	Issue Type +	Ma	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.160327 °	39.160327 °
				-122.913998 °	-122.913998 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:26987					
DS_ID:21240					
EP_NO: N/A					
Repair Type: No Action Needed					
Crossing Status: Found					
UCIP Comments:					
FIELD_STRUCT_DESC: 2 of 2: 36-inch CM drainpipe through the					
levee, 9.0 feet below the crown. Flap gate on the waterward end.					
Concrete headwalls on both ends. Originally listed in 1961 O+M					
manual. Pipes retained through levee under ABO No. 11460 (1975).					
FS Date: 1/14/2014					

Photo 1 of 3 : UCIP_SP_2017_26987_49853.jpg



Pipe and Concrete headwall visible on LS toe.

LM Start	2.26	Rating **	A/W	Issue No.	537 (cont)
LM End	2.26	Issue Type +	Ma	Location *	LS

Photo 2 of 3 : UCIP_SP_2017_26987_49852.jpg



Pipe and Concrete headwall visible on LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Middle Creek	Left	3.35	04/04/2017 04/04/2017	Bob Duffey

LM Start	2.26	Rating **	A/W	Issue No.	537 (cont)	
LM End	2.26	Issue Type +	Ma	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			39.160327 °	39.160327 °	
				-122.913998 °	-122.913998 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:26987						
DS_ID:21240						
EP_NO: N/A						
Repair Type: No Action Needed						
Crossing Status: Found						
UCIP Comments:						
FIELD_STRUCT_DESC: 2 of 2: 36-inch CM drainpipe through the						
levee, 9.0 feet below the crown. Flap gate on the waterward end.						
Concrete headwalls on both ends. Originally listed in 1961 O+M						
manual. Pipes retained through levee under ABO No. 11460 (1975).						
FS Date: 1/14/2014						

Photo 3 of 3 : UCIP_SP_2017_26987_49851.jpg



Pipe, Concrete headwall, and flap gate visible on WS berm.

LM Start	2.26	Rating **	A/W	Issue No.	538
LM End	2.26	Issue Type +	Ma	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.160272 °	39.160272 °
				-122.913966 °	-122.913966 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:26986					
DS_ID:21197					
EP_NO: N/A					
Repair Type: No Action Needed					
Crossing Status: Found					
UCIP Comments:					
FIELD_STRUCT_DESC: 1 of 2: 36-inch CM drainpipe through the levee, 9.0 feet below the crown. Flap gate on the waterward end.					
Concrete "U" headwalls on both ends. Originally listed in 1961 O+M manual. Pipes retained through levee under ABO No. 11460 (1975).					
FS Date: 1/9/2014					

Photo 1 of 3 : UCIP_SP_2017_26986_49849.jpg



Concrete headwall and pipe visible on LS toe at end of drainage swale.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Middle Creek	Left	3.35	04/04/2017 04/04/2017	Bob Duffey

LM Start	2.26	Rating **	A/W	Issue No.	538 (cont)	
LM End	2.26	Issue Type +	Ma	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			39.160272 °	39.160272 °	
				-122.913966 °	-122.913966 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:26986						
DS_ID:21197						
EP_NO: N/A						
Repair Type: No Action Needed						
Crossing Status: Found						
UCIP Comments:						
FIELD_STRUCT_DESC: 1 of 2: 36-inch CM drainpipe through the						
levee, 9.0 feet below the crown. Flap gate on the waterward end.						
Concrete "U" headwalls on both ends. Originally listed in 1961 O+M						
manual. Pipes retained through levee under ABO No. 11460 (1975).						
FS Date: 1/9/2014						

Photo 2 of 3 : UCIP_SP_2017_26986_49848.jpg



Concrete headwall and pipe visible on LS toe.

LM Start	2.26	Rating **	A/W	Issue No.	538 (cont)
LM End	2.26	Issue Type +	Ma	Location *	LS

Photo 3 of 3 : UCIP_SP_2017_26986_49847.jpg



Concrete headwall and pipe visible on WS berm.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Levee Inspections**

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Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Middle Creek	Left	3.35	04/04/2017 04/04/2017	Bob Duffey

LM Start	2.29	Rating **	M	Issue No.	13
LM End	2.29	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			39.160285 °	39.160285 °
				-122.913481 °	-122.913481 °
DWR ID	DWR_NA0009_01_s_2013_13				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 1 : SP_2017_NA0009_3_13_20170315_00007.jpg



View of the vehicle erosion along the waterside slope.

LM Start	2.35	Rating **	M	Issue No.	539
LM End	2.35	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.161002 °	39.161002 °
				-122.912843 °	-122.912843 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:27004 DS_ID:21199 EP_NO: 11460 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Heavy vegetation on LS at inlet should be removed. FIELD_STRUCT_DESC: 42-inch CM drainpipe through the levee, 10.0 feet below the crown. Flap gate on waterward end. Concrete headwall on both ends. Originally included in 1961 O+M manual. Pipe retained under ABO No. 11460 (1975). FS Date: 1/14/2014					

Photo 1 of 3 : UCIP_SP_2017_27004_49862.jpg



Heavy vegetation at inlet on LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Middle Creek	Left	3.35	04/04/2017 04/04/2017	Bob Duffey

LM Start	2.35	Rating **	M	Issue No.	539 (cont)
LM End	2.35	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.161002 °	39.161002 °
				-122.912843 °	-122.912843 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:27004 DS_ID:21199 EP_NO: 11460 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Heavy vegetation on LS at inlet should be removed. FIELD_STRUCT_DESC: 42-inch CM drainpipe through the levee, 10.0 feet below the crown. Flap gate on waterward end. Concrete headwall on both ends. Originally included in 1961 O+M manual. Pipe retained under ABO No. 11460 (1975). FS Date: 1/14/2014					

Photo 2 of 3 : UCIP_SP_2017_27004_49861.jpg



Concrete U-shaped headwall on WS berm.

LM Start	2.35	Rating **	M	Issue No.	539 (cont)
LM End	2.35	Issue Type +	Ma	Location *	WS

Photo 3 of 3 : UCIP_SP_2017_27004_49860.jpg



Concrete U-shaped headwall and flap gate on WS berm.

* Location
 LS : Land Side N/A : Not Applicable
 WS : Water Side
 CR : Crown

** Rating
 A : Acceptable N : Not Inspected/Rated
 M : Minimally Acceptable C : Corrected
 U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
 Ma : Maintenance Deficiency
 Ob : Design & System Obsolescence
 En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

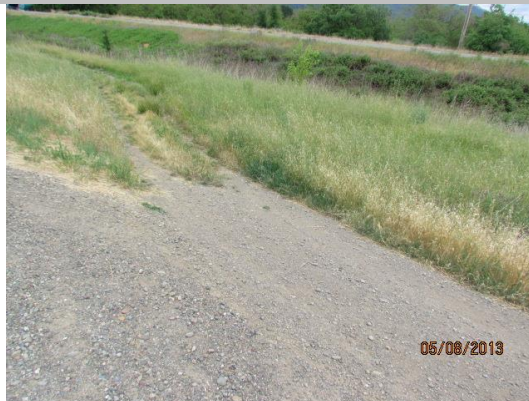
Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Middle Creek	Left	3.35	04/04/2017 04/04/2017	Bob Duffey

LM Start	2.36	Rating **	M	Issue No.	14
LM End	2.36	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			39.161153 °	39.161153 °
				-122.912740 °	-122.912740 °
DWR ID	DWR_NA0009_01_s_2013_14				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 1 : SP_2017_NA0009_3_14_20170315_00008.jpg



View of the vehicle erosion along the waterside slope.

LM Start	2.38	Rating **	M	Issue No.	15
LM End	2.41	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.161381 °	39.161708 °
				-122.912551 °	-122.912168 °
DWR ID	DWR_NA0009_01_s_2013_15				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

Photo 1 of 1 : SP_2017_NA0009_3_15_20170315_00009.jpg



Trim the trees up 5 feet to allow visibility.

LM Start	2.38	Rating **	M	Issue No.	23
LM End	2.41	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.161415 °	39.161722 °
				-122.912493 °	-122.912153 °
DWR ID	DWR_NA0009_01_f_2015_23				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Remove the vegetation from the landside slope and toe.					

Photo 1 of 1 : SP_2017_NA0009_3_23_20170315_00013.jpg



View of the vegetation along the landside slope & toe.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Middle Creek	Left	3.35	04/04/2017 04/04/2017	Bob Duffey

LM Start	2.48	Rating **	U	Issue No.	3
LM End	2.55	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.161615 °	39.160804 °
				-122.911733 °	-122.912536 °
DWR ID	DWR_NA0009_01_s_2012_3				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

Photo 1 of 2 : SP_2017_NA0009_3_3_20170315_00001.jpg



View of the vegetation along the landside slope.

LM Start	2.48	Rating **	U	Issue No.	3 (cont)
LM End	2.55	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : SP_2017_NA0009_3_3_20170315_00002.jpg



View of the vegetation along the landside slope.

LM Start	2.60	Rating **	M	Issue No.	22
LM End	2.65	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.160190 °	39.159523 °
				-122.913039 °	-122.913402 °
DWR ID	DWR_NA0009_01_f_2016_22				
Comment Code					
T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

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Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Middle Creek	Left	3.35	04/04/2017 04/04/2017	Bob Duffey

LM Start	2.66	Rating **	M	Issue No.	6
LM End	2.81	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.159304 °	39.157252 °
				-122.913422 °	-122.913993 °
DWR ID	DWR_NA0009_01_s_2012_6				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

LM Start	2.95	Rating **	M	Issue No.	25
LM End	2.95	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.155301 °	39.155301 °
				-122.914633 °	-122.914633 °
DWR ID	DWR_NA0009_01_s_2016_25				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

Photo 1 of 1 : SP_2017_NA0009_3_25_20170315_00015.jpg



Trim trees to 5' above levee slope (LS). 4/19/2016

LM Start	2.97	Rating **	M	Issue No.	12
LM End	2.97	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.154889 °	39.154889 °
				-122.914716 °	-122.914716 °
DWR ID	DWR_NA0009_01_f_2016_12				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Middle Creek	Left	3.35	04/04/2017 04/04/2017	Bob Duffey

LM Start	3.10	Rating **	M	Issue No.	32
LM End	3.10	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.153144 °	39.153144 °
				-122.914538 °	-122.914538 °
DWR ID	DWR_NA0009_01_s _ 2016_32				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

LM Start	3.26	Rating **	M	Issue No.	534
LM End	3.26	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.150957 °	39.150957 °
				-122.913504 °	-122.913504 °
DWR ID	DWR_NA0009_01_s _ 2015_534				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

Photo 1 of 1 : SP_2017_NA0009_3_534_20170315_00021.jpg



Remove the trees from the landside toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Middle Creek	Left	3.35	04/04/2017 04/04/2017	Bob Duffey

LM Start	3.28	Rating **	M	Issue No.	19
LM End	3.28	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		39.150673 °	39.150673 °	
			-122.913355 °	-122.913355 °	
DWR ID	DWR_NA0009_01_f_2016_19				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

LM Start	3.30	Rating **	M	Issue No.	20
LM End	3.30	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		39.150325 °	39.150325 °	
			-122.913161 °	-122.913161 °	
DWR ID	DWR_NA0009_01_f_2016_20				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Levee Inspections**

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Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Middle Creek	Right	2.66	04/04/2017 04/04/2017	Bob Duffey

LM Start	0.02	Rating **	M	Issue No.	4
LM End	0.14	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.189540 °	39.187900 °
				-122.908065 °	-122.908655 °
DWR ID	DWR_NA0009_02_s_2013_4				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					
Trim the trees up 5 feet to allow visibility.					

Photo 1 of 1 : SP_2017_NA0009_4_4_20170315_00004.jpg



View of the overgrown trees at the landside toe.

LM Start	0.08	Rating **	M	Issue No.	19
LM End	0.08	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.188772 °	39.188772 °
				-122.908465 °	-122.908465 °
DWR ID	DWR_NA0009_02_s_2014_19				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

Photo 1 of 1 : SP_2017_NA0009_4_19_20170315_00010.jpg



View of the elderberries along the landside toe.

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

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Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Middle Creek	Right	2.66	04/04/2017 04/04/2017	Bob Duffey

LM Start	0.14	Rating **	A/W	Issue No.	32
LM End	0.14	Issue Type +	Ma	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.187919 °	39.187919 °
				-122.908631 °	-122.908631 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:27066 DS_ID:21201 EP_NO: 11485 Repair Type: No Action Needed Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 42-inch CM drainpipe through the levee, 8.5 feet below the crown. Flap gate on the waterward side. Concrete headwalls on both ends. Originally included in 1961 O+M manual. This pipe was retained under ABO No. 11485 (1975). FS Date: 1/14/2014					

Photo 1 of 3 : UCIP_SP_2017_27066_50049.jpg



Pipe and headwall visible at LS toe in drainage swale.

LM Start	0.14	Rating **	A/W	Issue No.	32 (cont)
LM End	0.14	Issue Type +	Ma	Location *	LS

Photo 2 of 3 : UCIP_SP_2017_27066_50048.jpg



Pipe and headwall visible at LS toe in drainage swale.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Middle Creek	Right	2.66	04/04/2017 04/04/2017	Bob Duffey

LM Start	0.14	Rating **	A/W	Issue No.	32 (cont)
LM End	0.14	Issue Type +	Ma	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.187919 °	39.187919 °
				-122.908631 °	-122.908631 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:27066 DS_ID:21201 EP_NO: 11485 Repair Type: No Action Needed Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 42-inch CM drainpipe through the levee, 8.5 feet below the crown. Flap gate on the waterward side. Concrete headwalls on both ends. Originally included in 1961 O+M manual. This pipe was retained under ABO No. 11485 (1975). FS Date: 1/14/2014					

Photo 3 of 3 : UCIP_SP_2017_27066_50047.jpg



Pipe with some sediment at flowline.

LM Start	0.24	Rating **	A/W	Issue No.	33
LM End	0.24	Issue Type +	Ma	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.186794 °	39.186794 °
				-122.909413 °	-122.909413 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:27184					
DS_ID:21204					
EP_NO: 11484					
Repair Type: No Action Needed					
Crossing Status: Found					
UCIP Comments:					
FIELD_STRUCT_DESC: 36-inch CM drainpipe through the levee, 6 feet below the crown. Flap gate on the waterward end. Concrete headwalls on both ends. Originally included in 1961 O+M manual. This pipe was retained under ABO No. 11484 (1975).					
FS Date: 1/14/2014					

Photo 1 of 3 : UCIP_SP_2017_27184_50322.jpg



Concrete headwall and pipe on LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Middle Creek	Right	2.66	04/04/2017 04/04/2017	Bob Duffey

LM Start	0.24	Rating **	A/W	Issue No.	33 (cont)	
LM End	0.24	Issue Type +	Ma	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP LMA Responsibility			39.186794 °		39.186794 °
				-122.909413 °		-122.909413 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:27184 DS_ID:21204 EP_NO: 11484 Repair Type: No Action Needed Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 36-inch CM drainpipe through the levee, 6 feet below the crown. Flap gate on the waterward end. Concrete headwalls on both ends. Originally included in 1961 O+M manual. This pipe was retained under ABO No. 11484 (1975). FS Date: 1/14/2014						

Photo 2 of 3 : UCIP_SP_2017_27184_50321.jpg



Pipe at inlet.

LM Start	0.24	Rating **	A/W	Issue No.	33 (cont)
LM End	0.24	Issue Type +	Ma	Location *	LS

Photo 3 of 3 : UCIP_SP_2017_27184_50320.jpg



Flapgate and concrete headwall on WS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Middle Creek	Right	2.66	04/04/2017 04/04/2017	Bob Duffey

LM Start	0.24	Rating **	M	Issue No.	9
LM End	0.27	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.186739 °	39.186389 °
				-122.909436 °	-122.909821 °
DWR ID	DWR_NA0009_02_s_2013_9				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

Photo 1 of 1 : SP_2017_NA0009_4_9_20170315_00006.jpg



View of the overgrown trees and vegetation at the landside toe.

LM Start	0.38	Rating **	M	Issue No.	17
LM End	0.38	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.185239 °	39.185239 °
				-122.911018 °	-122.911018 °
DWR ID	DWR_NA0009_02_f _ 2016_17				
Comment Code					
PR : Prunings					
Inspector Comment					

Photo 1 of 1 : SP_2017_NA0009_4_17_20170315_00008.jpg



View of the prunings along the landside toe.

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Middle Creek	Right	2.66	04/04/2017 04/04/2017	Bob Duffey

LM Start	0.39	Rating **	A/W	Issue No.	34
LM End	0.39	Issue Type +	Ma	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.185174 °	39.185174 °
				-122.911171 °	-122.911171 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:27192 DS_ID:21206 EP_NO: 11478 Repair Type: No Action Needed Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 42-inch CM drainpipe through the levee, 7.7 feet below the crown. Flap gate on the waterward end. Concrete headwalls on both ends. Grouted spillway over revetment on bank. (USACE-1961). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 0.38). This pipe was retained under ABO No. 11478 (1975). FS Date: 1/14/2014					

Photo 1 of 3 : UCIP_SP_2017_27192_50326.jpg



Pipe and concrete headwall at LS toe.

LM Start	0.39	Rating **	A/W	Issue No.	34 (cont)
LM End	0.39	Issue Type +	Ma	Location *	LS

Photo 2 of 3 : UCIP_SP_2017_27192_50325.jpg



Flapgate and headwall off WS toe at berms edge.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Middle Creek	Right	2.66	04/04/2017 04/04/2017	Bob Duffey

LM Start	0.39	Rating **	A/W	Issue No.	34 (cont)
LM End	0.39	Issue Type +	Ma	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.185174 °	39.185174 °
				-122.911171 °	-122.911171 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:27192 DS_ID:21206 EP_NO: 11478 Repair Type: No Action Needed Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 42-inch CM drainpipe through the levee, 7.7 feet below the crown. Flap gate on the waterward end. Concrete headwalls on both ends. Grouted spillway over revetment on bank. (USACE-1961). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 0.38). This pipe was retained under ABO No. 11478 (1975). FS Date: 1/14/2014					

Photo 3 of 3 : UCIP_SP_2017_27192_50324.jpg



Pipe and concrete headwall at LS toe.

LM Start	0.48	Rating **	A/W	Issue No.	35
LM End	0.48	Issue Type +	Ma	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.184126 °	39.184126 °
				-122.912118 °	-122.912118 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:27199					
DS_ID:21208					
EP_NO: 11480					
Repair Type: No Action Needed					
Crossing Status: Found					
UCIP Comments:					
FIELD_STRUCT_DESC: 42-inch CM drainpipe through the levee, 7.0					
feet below the crown. Flap gate on the waterward end. Concrete					
headwalls on both ends. (USACE-1961). This entry matches the					
Drainage or Irrigation Structure referenced in O&M manual (HLM 0.47).					
This pipe was retained under ABO No. 11480 (1975).					
FS Date: 1/14/2014					

Photo 1 of 3 : UCIP_SP_2017_27199_50389.jpg



Concrete headwall on LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Middle Creek	Right	2.66	04/04/2017 04/04/2017	Bob Duffey

LM Start	0.48	Rating **	A/W	Issue No.	35 (cont)	
LM End	0.48	Issue Type +	Ma	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			39.184126°	39.184126°	
				-122.912118°	-122.912118°	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:27199						
DS_ID:21208						
EP_NO: 11480						
Repair Type: No Action Needed						
Crossing Status: Found						
UCIP Comments:						
FIELD_STRUCT_DESC: 42-inch CM drainpipe through the levee, 7.0						
feet below the crown. Flap gate on the waterward end. Concrete						
headwalls on both ends. (USACE-1961). This entry matches the						
Drainage or Irrigation Structure referenced in O&M manual (HLM 0.47).						
This pipe was retained under ABO No. 11480 (1975).						
FS Date: 1/14/2014						

Photo 2 of 3 : UCIP_SP_2017_27199_50388.jpg



Pipe and concrete headwall on LS toe.

LM Start	0.48	Rating **	A/W	Issue No.	35 (cont)
LM End	0.48	Issue Type +	Ma	Location *	LS

Photo 3 of 3 : UCIP_SP_2017_27199_50387.jpg



Concrete headwall and flapgate visible on waterside berm

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Middle Creek	Right	2.66	04/04/2017 04/04/2017	Bob Duffey

LM Start	0.49	Rating **	M	Issue No.	20
LM End	0.51	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.184001 °	39.183676 °
				-122.912139 °	-122.912179 °
DWR ID	DWR_NA0009_02_s_2016_20				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					
Remove large downed pine tree branch on LS toe.					

Photo 1 of 1 : SP_2017_NA0009_4_20_20170315_00011.jpg



View of the fallen tree branch on landside slope and toe.

LM Start	0.55	Rating **	M	Issue No.	38
LM End	0.55	Issue Type +	Ma	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.183130 °	39.183130 °
				-122.912198 °	-122.912198 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:27208					
DS_ID:21210					
EP_NO: 11482					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: Fence on LS slope creates access issue.					
FIELD_STRUCT_DESC: 36-inch CM drainpipe through the levee, 9.0					
feet below the crown. Flap gate on the waterward end. Concrete					
headwalls on both ends. (USACE-1961). This entry matches the					
Drainage or Irrigation Structure referenced in O&M manual (HLM 0.54).					
This pipe was retained under ABO No. 11482 (1975).					
FS Date: 1/14/2014					

Photo 1 of 3 : UCIP_SP_2017_27208_50411.jpg



Concrete headwall on LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Middle Creek	Right	2.66	04/04/2017 04/04/2017	Bob Duffey

LM Start	0.55	Rating **	M	Issue No.	38 (cont)
LM End	0.55	Issue Type +	Ma	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.183130 °	39.183130 °
				-122.912198 °	-122.912198 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:27208 DS_ID:21210 EP_NO: 11482 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Fence on LS slope creates access issue. FIELD_STRUCT_DESC: 36-inch CM drainpipe through the levee, 9.0 feet below the crown. Flap gate on the waterward end. Concrete headwalls on both ends. (USACE-1961). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 0.54). This pipe was retained under ABO No. 11482 (1975). FS Date: 1/14/2014					

Photo 2 of 3 : UCIP_SP_2017_27208_50410.jpg



Flapgate and concrete headwall on WS berm.

LM Start	0.55	Rating **	M	Issue No.	38 (cont)
LM End	0.55	Issue Type +	Ma	Location *	LS

Photo 3 of 3 : UCIP_SP_2017_27208_50409.jpg



Flapgate and concrete headwall on WS berm.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Middle Creek	Right	2.66	04/04/2017 04/04/2017	Bob Duffey

LM Start	0.97	Rating **	M	Issue No.	7
LM End	0.98	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.177218 °	39.176992 °
				-122.913673 °	-122.913642 °
DWR ID	DWR_NA0009_02_s_2012_7				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

Photo 1 of 1 : SP_2017_NA0009_4_7_20170315_00005.jpg



View of the vegetation at the landside toe.

LM Start	0.99	Rating **	M	Issue No.	3
LM End	0.99	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.176835 °	39.176835 °
				-122.913558 °	-122.913558 °
DWR ID	DWR_NA0009_02_s_2012_3				
Comment Code					
TR : Tree or limb					
Inspector Comment					

Photo 1 of 1 : SP_2017_NA0009_4_3_20170315_00003.jpg



View of the tree prunings on the W/S toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Middle Creek	Right	2.66	04/04/2017 04/04/2017	Bob Duffey

LM Start	1.03	Rating **	A/W	Issue No.	39
LM End	1.03	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.176366 °	39.176366 °
				-122.913509 °	-122.913509 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:27583 DS_ID:21211 EP_NO: 11486 Repair Type: No Action Needed Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 36-inch CM drainpipe through the levee, 7.3 feet below the crown. Flap gate on the waterward end. Concrete headwalls on both ends. Splash apron broken off on the waterward end. (USACE-1961). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 1.21). This pipe was retained under ABO No. 11486 (1975). USACE O&M DWG No. CC-4-4-29. FS Date: 1/22/2014					

Photo 1 of 3 : UCIP_SP_2017_27583_51202.jpg



Pipe visible at concrete inlet on LS toe.

LM Start	1.03	Rating **	A/W	Issue No.	39 (cont)
LM End	1.03	Issue Type +	Ma	Location *	WS

Photo 2 of 3 : UCIP_SP_2017_27583_51201.jpg



Pipe as visible from LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Middle Creek	Right	2.66	04/04/2017 04/04/2017	Bob Duffey

LM Start	1.03	Rating **	A/W	Issue No.	39 (cont)
LM End	1.03	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.176366 °	39.176366 °
				-122.913509 °	-122.913509 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:27583 DS_ID:21211 EP_NO: 11486 Repair Type: No Action Needed Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 36-inch CM drainpipe through the levee, 7.3 feet below the crown. Flap gate on the waterward end. Concrete headwalls on both ends. Splash apron broken off on the waterward end. (USACE-1961). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 1.21). This pipe was retained under ABO No. 11486 (1975). USACE O&M DWG No. CC-4-4-29. FS Date: 1/22/2014					

Photo 3 of 3 : UCIP_SP_2017_27583_51200.jpg



Pipe visible on LS toe.

LM Start	1.16	Rating **	M	Issue No.	40
LM End	1.16	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.174370 °	39.174370 °
				-122.913543 °	-122.913543 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:42994					
DS_ID:21212					
EP_NO: 11483					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: Pipe appears abandoned and if so, should be done so properly. Debris blocking flapgate at outlet.					
FIELD_STRUCT_DESC: *ABANDONED* 30-inch CM drainpipe through the levee, 17.8 feet below the crown. Slide gate in 44-inch diameter CMP riser waterward slope. Flap gate on the waterward end at concrete headwall. 6'X8' concrete sump at landward toe. (USACE-1961). Originally included in O&M manual (HLM 1.22). This pipe was retained under ABO No. 11483 (1975).					
FS Date: 1/22/2014					

Photo 1 of 3 : UCIP_SP_2017_42994_51214.jpg



Slide gate in 44-inch CMP riser on WS shoulder.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Middle Creek	Right	2.66	04/04/2017 04/04/2017	Bob Duffey

LM Start	1.16	Rating **	M	Issue No.	40 (cont)
LM End	1.16	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.174370 °	39.174370 °
				-122.913543 °	-122.913543 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:42994 DS_ID:21212 EP_NO: 11483 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe appears abandoned and if so, should be done so properly. Debris blocking flapgate at outlet. FIELD_STRUCT_DESC: *ABANDONED* 30-inch CM drainpipe through the levee, 17.8 feet below the crown. Slide gate in 44-inch diameter CMP riser waterward slope. Flap gate on the waterward end at concrete headwall. 6'X8' concrete sump at landward toe. (USACE-1961). Originally included in O&M manual (HLM 1.22). This pipe was retained under ABO No. 11483 (1975). FS Date: 1/22/2014					

Photo 2 of 3 : UCIP_SP_2017_42994_51213.jpg



6'X8' concrete sump filled in with soil, visible at LS toe.

LM Start	1.16	Rating **	M	Issue No.	40 (cont)
LM End	1.16	Issue Type +	Ma	Location *	WS

Photo 3 of 3 : UCIP_SP_2017_42994_51215.jpg



Flapgate and concrete headwall visible off WS berm.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Middle Creek	Right	2.66	04/04/2017 04/04/2017	Bob Duffey

LM Start	1.92	Rating **	M	Issue No.	18
LM End	1.92	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.163912 °	39.163912 °
				-122.916695 °	-122.916695 °
DWR ID	DWR_NA0009_02_s _ 2016_18				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					
Trim willow trees.					

Photo 1 of 1 : SP_2017_NA0009_4_18_20170315_00009.jpg



View of the overgrown willow trees at the landside levee slope.

LM Start	2.70	Rating **	A	Issue No.	31
LM End	2.70	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.153202 °	39.153202 °
				-122.915672 °	-122.915672 °
DWR ID	DWR_NA0009_02_s _ 2017_31				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
There are native grasses on both slopes.					

Photo 1 of 1 : SP_2017_NA0009_4_31_20170410_00050.jpg



View of the native grasses on both slopes.

LM Start	2.76	Rating **	M	Issue No.	22
LM End	2.76	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.152322 °	39.152322 °
				-122.915380 °	-122.915380 °
DWR ID	DWR_NA0009_02_s _ 2016_22				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Middle Creek	Right	2.66	04/04/2017 04/04/2017	Bob Duffey

LM Start	2.84	Rating **	M	Issue No.	45
LM End	2.84	Issue Type +	Ma	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.151257 °	39.151257 °
				-122.914908 °	-122.914908 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:27630					
DS_ID:21215					
EP_NO: 11481					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: Soil partially blocking inlet and outlet.					
FIELD_STRUCT_DESC: 24-inch CM drainpipe through the levee, 12.0 feet below the crown. Flap gate on the waterward end. Concrete headwalls on both ends. (USACE-1961). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 2.93). This pipe was retained under ABO No. 11481 (1975).					
FS Date: 1/22/2014					

Photo 1 of 3 : UCIP_SP_2017_27630_51283.jpg



Concrete headwall and pipe visible at LS toe.

LM Start	2.84	Rating **	M	Issue No.	45 (cont)
LM End	2.84	Issue Type +	Ma	Location *	LS

Photo 2 of 3 : UCIP_SP_2017_27630_51282.jpg



Concrete headwall and flapgate visible at WS berm.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Middle Creek	Right	2.66	04/04/2017 04/04/2017	Bob Duffey

LM Start	2.84	Rating **	M	Issue No.	45 (cont)
LM End	2.84	Issue Type +	Ma	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.151257 °	39.151257 °
				-122.914908 °	-122.914908 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:27630 DS_ID:21215 EP_NO: 11481 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Soil partially blocking inlet and outlet. FIELD_STRUCT_DESC: 24-inch CM drainpipe through the levee, 12.0 feet below the crown. Flap gate on the waterward end. Concrete headwalls on both ends. (USACE-1961). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 2.93). This pipe was retained under ABO No. 11481 (1975). FS Date: 1/22/2014					

Photo 3 of 3 : UCIP_SP_2017_27630_51281.jpg



Concrete headwall and pipe visible at LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Scotts Creek	Left	1.36	04/04/2017 04/04/2017	Bob Duffey

LM Start	0.24	Rating **	A	Issue No.	20
LM End	0.24	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.150847 °	39.150847 °
				-122.916367 °	-122.916367 °
DWR ID	DWR_NA0009_03_s _ 2017_20				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
There are native grasses on both slopes.					

Photo 1 of 1 : SP_2017_NA0009_5_20_20170410_00042.jpg



View of the native grasses on both slopes.

LM Start	0.49	Rating **	M	Issue No.	9
LM End	0.49	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.154195 °	39.154195 °
				-122.918134 °	-122.918134 °
DWR ID	DWR_NA0009_03_s _ 2016_9				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

Photo 1 of 1 : SP_2017_NA0009_5_9_20170315_00001.jpg



View of the overgrown trees and vegetation at the landside toe.

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Scotts Creek	Left	1.36	04/04/2017 04/04/2017	Bob Duffey

LM Start	0.49	Rating **	M	Issue No.	8
LM End	0.49	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		39.154197 °	39.154197 °	
			-122.918163 °	-122.918163 °	
DWR ID	DWR_NA0009_03_f_2016_8				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

No Photos

LM Start	0.54	Rating **	M	Issue No.	10
LM End	0.54	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		39.154706 °	39.154706 °	
			-122.918622 °	-122.918622 °	
DWR ID	DWR_NA0009_03_s_2016_10				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Scotts Creek	Left	1.36	04/04/2017 04/04/2017	Bob Duffey

LM Start	0.54	Rating **	M	Issue No.	21
LM End	0.54	Issue Type +	Ma	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.154786 °	39.154786 °
				-122.918703 °	-122.918703 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:27863 DS_ID:21217 EP_NO: 11492 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Vegetation at inlet and wooden box failing at LS toe. FIELD_STRUCT_DESC: 42-inch CM drainpipe through the levee, 12.0 feet below the crown. Flap gate on the waterward end. Concrete headwalls on both ends with a wooden retaining wall drop inlet at LS toe (USACE-1961). Originally included in O&M manual (HLM 0.55). This pipe was retained under ABO No. 11492 (1975). USACE O&M DWG No. CC-4-4-29. FS Date: 1/22/2014					

Photo 1 of 3 : UCIP_SP_2017_27863_51542.jpg



Pipe visible at LS toe covered with vegetation.

LM Start	0.54	Rating **	M	Issue No.	21 (cont)
LM End	0.54	Issue Type +	Ma	Location *	LS

Photo 2 of 3 : UCIP_SP_2017_27863_51541.jpg



Concrete headwall and flapgate visible at WS berm.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Scotts Creek	Left	1.36	04/04/2017 04/04/2017	Bob Duffey

LM Start	0.54	Rating **	M	Issue No.	21 (cont)	
LM End	0.54	Issue Type +	Ma	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			39.154786 °	39.154786 °	
				-122.918703 °	-122.918703 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:27863 DS_ID:21217 EP_NO: 11492 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Vegetation at inlet and wooden box failing at LS toe. FIELD_STRUCT_DESC: 42-inch CM drainpipe through the levee, 12.0 feet below the crown. Flap gate on the waterward end. Concrete headwalls on both ends with a wooden retaining wall drop inlet at LS toe (USACE-1961). Originally included in O&M manual (HLM 0.55). This pipe was retained under ABO No. 11492 (1975). USACE O&M DWG No. CC-4-4-29. FS Date: 1/22/2014						

Photo 3 of 3 : UCIP_SP_2017_27863_51540.jpg



Concrete headwall and flapgate visible at WS berm.

LM Start	0.77	Rating **	M	Issue No.	23
LM End	0.77	Issue Type +	Ma	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.157759 °	39.157759 °
				-122.920301 °	-122.920301 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:27892 DS_ID:21220 EP_NO: 11492 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Some sediment buildup at inlet. FIELD_STRUCT_DESC: 24-inch CM drainpipe through the levee, 10.0 feet below the crown. Flap gate on the waterward end. Concrete headwalls on both ends. Concrete spillway on waterward slope to bottom of channel. (USACE-1961). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 0.79). This pipe was retained under ABO No. 11492 (1975). FS Date: 1/22/2014					

Photo 1 of 3 : UCIP_SP_2017_27892_51591.jpg



Concrete headwall visible next to concrete standpipe on LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Scotts Creek	Left	1.36	04/04/2017 04/04/2017	Bob Duffey

LM Start	0.77	Rating **	M	Issue No.	23 (cont)	
LM End	0.77	Issue Type +	Ma	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP LMA Responsibility			39.157759 °		39.157759 °
				-122.920301 °		-122.920301 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:27892						
DS_ID:21220						
EP_NO: 11492						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: Some sediment buildup at inlet.						
FIELD_STRUCT_DESC: 24-inch CM drainpipe through the levee, 10.0 feet below the crown. Flap gate on the waterward end. Concrete headwalls on both ends. Concrete spillway on waterward slope to bottom of channel. (USACE-1961). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 0.79). This pipe was retained under ABO No. 11492 (1975).						
FS Date: 1/22/2014						

Photo 2 of 3 : UCIP_SP_2017_27892_51590.jpg



Concrete outfall visible off WS berm.

LM Start	0.77	Rating **	M	Issue No.	23 (cont)
LM End	0.77	Issue Type +	Ma	Location *	LS

Photo 3 of 3 : UCIP_SP_2017_27892_51589.jpg



Concrete headwall visible at LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Scotts Creek	Left	1.36	04/04/2017 04/04/2017	Bob Duffey

LM Start	0.84	Rating **	M	Issue No.	14
LM End	0.89	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.158556 °	39.159304 °
				-122.920674 °	-122.920784 °
DWR ID	DWR_NA0009_03_f_2016_14				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

Photo 1 of 1 : SP_2017_NA0009_5_14_20170315_00005.jpg



View of the waterside vegetation looking upstream.

LM Start	0.92	Rating **	A/W	Issue No.	24
LM End	0.92	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.159628 °	39.159628 °
				-122.920853 °	-122.920853 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:27893					
DS_ID:21247					
EP_NO: N/A					
Repair Type: No Action Needed					
Crossing Status: Found					
UCIP Comments:					
FIELD_STRUCT_DESC: *Abandoned* 36-inch CM drain pipe through the levee, 10.0 feet below the crown. Plugged with concrete. (USACE-1961). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 0.90).					
FS Date: 1/22/2014					

Photo 1 of 3 : UCIP_SP_2017_27893_51595.jpg



Plugged pipe visible on WS toe of roadway.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Scotts Creek	Left	1.36	04/04/2017 04/04/2017	Bob Duffey

LM Start	0.92	Rating **	A/W	Issue No.	24 (cont)
LM End	0.92	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.159628 °	39.159628 °
				-122.920853 °	-122.920853 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:27893 DS_ID:21247 EP_NO: N/A Repair Type: No Action Needed Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: *Abandoned* 36-inch CM drain pipe through the levee, 10.0 feet below the crown. Plugged with concrete. (USACE-1961). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 0.90). FS Date: 1/22/2014					

Photo 2 of 3 : UCIP_SP_2017_27893_51594.jpg



Roadway marker 52.29 on LS and WS shoulder mark pipe location on crown.

LM Start	0.92	Rating **	A/W	Issue No.	24 (cont)
LM End	0.92	Issue Type +	Ma	Location *	WS

Photo 3 of 3 : UCIP_SP_2017_27893_51596.jpg



Concrete headwall and plugged pipe visible onLS toe of roadway.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Scotts Creek	Left	1.36	04/04/2017 04/04/2017	Bob Duffey

LM Start	0.93	Rating **	M	Issue No.	25
LM End	0.93	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.159736 °	39.159736 °
				-122.921042 °	-122.921042 °
DWR ID					

Comment Code

Inspector Comment

FS_ID:27894
DS_ID:21221
EP_NO: 11488
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: Concrete headwall on WS berm is being undermined. 2-foot of scour under headwall.
FIELD_STRUCT_DESC: 42-inch CM drainpipe through the levee, 16.5 feet below the crown. Flap gate on the waterward end. Concrete headwalls on both ends. (USACE-1961). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 0.94). This pipe was retained under ABO No. 11488 (1975).
FS Date: 1/22/2014

LM Start	0.93	Rating **	M	Issue No.	25 (cont)
LM End	0.93	Issue Type +	Ma	Location *	WS

Photo 1 of 3 : UCIP_SP_2017_27894_51599.jpg



Flapgate and headwall off WS toe.

Photo 2 of 3 : UCIP_SP_2017_27894_51598.jpg



Concrete headwall on LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Scotts Creek	Left	1.36	04/04/2017 04/04/2017	Bob Duffey

LM Start	0.93	Rating **	M	Issue No.	25 (cont)	
LM End	0.93	Issue Type +	Ma	Location *	WS	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			39.159736 °	39.159736 °	
				-122.921042 °	-122.921042 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:27894 DS_ID:21221 EP_NO: 11488 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Concrete headwall on WS berm is being undermined. 2-foot of scour under headwall. FIELD_STRUCT_DESC: 42-inch CM drainpipe through the levee, 16.5 feet below the crown. Flap gate on the waterward end. Concrete headwalls on both ends. (USACE-1961). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 0.94). This pipe was retained under ABO No. 11488 (1975). FS Date: 1/22/2014						

Photo 3 of 3 : UCIP_SP_2017_27894_51597.jpg



Concrete headwall on LS toe.

LM Start	0.99	Rating **	M	Issue No.	27
LM End	0.99	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.160117 °	39.160117 °
				-122.922144 °	-122.922144 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:27943 DS_ID:21222 EP_NO: 11488 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Some vegetation buildup at inlet and outlet. FIELD_STRUCT_DESC: 24-inch CM drainpipe through the levee, 14.0 feet below the crown. Flap gate on the waterward end. Concrete headwalls on both ends. (USACE-1961). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 1.01). This pipe was retained under ABO No. 11488 (1975). FS Date: 1/22/2014					

Photo 1 of 3 : UCIP_SP_2017_27943_51642.jpg



Concrete Headwall on WS berm.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Scotts Creek	Left	1.36	04/04/2017 04/04/2017	Bob Duffey

LM Start	0.99	Rating **	M	Issue No.	27 (cont)
LM End	0.99	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.160117 °	39.160117 °
				-122.922144 °	-122.922144 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:27943					
DS_ID:21222					
EP_NO: 11488					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: Some vegetation buildup at inlet and outlet.					
FIELD_STRUCT_DESC: 24-inch CM drainpipe through the levee, 14.0					
feet below the crown. Flap gate on the waterward end. Concrete					
headwalls on both ends. (USACE-1961). This entry matches the					
Drainage or Irrigation Structure referenced in O&M manual (HLM 1.01).					
This pipe was retained under ABO No. 11488 (1975).					
FS Date: 1/22/2014					

Photo 2 of 3 : UCIP_SP_2017_27943_51641.jpg



Headwall and flapgate on WS berm.

LM Start	0.99	Rating **	M	Issue No.	27 (cont)
LM End	0.99	Issue Type +	Ma	Location *	WS

Photo 3 of 3 : UCIP_SP_2017_27943_51640.jpg



Pipe location marked on crown by flasher.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Scotts Creek	Left	1.36	04/04/2017 04/04/2017	Bob Duffey

LM Start	1.07	Rating **	M	Issue No.	28
LM End	1.07	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.159803 °	39.159803 °
				-122.923501 °	-122.923501 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:27944					
DS_ID:21223					
EP_NO: 11489					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: Some sedimentation buildup at inlet and through pipe.					
FIELD_STRUCT_DESC: 24-inch CM drainpipe through the levee, 12.5 feet below the crown. Flap gate on the waterward end. Concrete headwalls on both ends. (USACE-1961). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 1.09). This pipe was retained under ABO No. 11489 (1975).					
FS Date: 1/22/2014					

LM Start	1.07	Rating **	M	Issue No.	28 (cont)
LM End	1.07	Issue Type +	Ma	Location *	WS

Photo 1 of 3 : UCIP_SP_2017_27944_51646.jpg



Flasher on crown marks pipe location.

Photo 2 of 3 : UCIP_SP_2017_27944_51645.jpg



Flapgate and headwall visible on WS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Scotts Creek	Left	1.36	04/04/2017 04/04/2017	Bob Duffey

LM Start	1.23	Rating **	A/W	Issue No.	30 (cont)
LM End	1.23	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.160369 °	39.160369 °
				-122.926208 °	-122.926208 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:27964 DS_ID:21237 EP_NO: 11489 Repair Type: No Action Needed Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 2 of 4: 36-inch CM drainpipe through the levee, 15.2 feet below the crown. Flap gate on the waterward end. Concrete headwalls on both ends. (USACE-1961). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 1.25). This pipe was retained under ABO No. 11489 (1975). FS Date: 1/22/2014					

Photo 3 of 3 : UCIP_SP_2017_27964_51663.jpg



Flapgate and headwall on WS toe.

LM Start	1.24	Rating **	A/W	Issue No.	31
LM End	1.24	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.160377 °	39.160377 °
				-122.926223 °	-122.926223 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:27965					
DS_ID:21238					
EP_NO: 11489					
Repair Type: No Action Needed					
Crossing Status: Found					
UCIP Comments:					
FIELD_STRUCT_DESC: 3 of 4: 36-inch CM drainpipe through the					
levee, 15.2 feet below the crown. Flap gate on the waterward end.					
Concrete headwalls on both ends. (USACE-1961). This entry matches					
the Drainage or Irrigation Structure referenced in O&M manual (HLM					
1.25). This pipe was retained under ABO No. 11489 (1975).					
FS Date: 1/22/2014					

Photo 1 of 3 : UCIP_SP_2017_27965_51668.jpg



Pipe and concrete headwall on LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Scotts Creek	Left	1.36	04/04/2017 04/04/2017	Bob Duffey

LM Start	1.24	Rating **	A/W	Issue No.	31 (cont)
LM End	1.24	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.160377 °	39.160377 °
				-122.926223 °	-122.926223 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:27965					
DS_ID:21238					
EP_NO: 11489					
Repair Type: No Action Needed					
Crossing Status: Found					
UCIP Comments:					
FIELD_STRUCT_DESC: 3 of 4: 36-inch CM drainpipe through the					
levee, 15.2 feet below the crown. Flap gate on the waterward end.					
Concrete headwalls on both ends. (USACE-1961). This entry matches					
the Drainage or Irrigation Structure referenced in O&M manual (HLM					
1.25). This pipe was retained under ABO No. 11489 (1975).					
FS Date: 1/22/2014					

Photo 2 of 3 : UCIP_SP_2017_27965_51667.jpg



Pipe from LS toe.

LM Start	1.24	Rating **	A/W	Issue No.	31 (cont)
LM End	1.24	Issue Type +	Ma	Location *	WS

Photo 3 of 3 : UCIP_SP_2017_27965_51666.jpg



Flapgate on headwall at WS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Scotts Creek	Left	1.36	04/04/2017 04/04/2017	Bob Duffey

LM Start	1.24	Rating **	A/W	Issue No.	32
LM End	1.24	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.160386 °	39.160386 °
				-122.926239 °	-122.926239 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:27967					
DS_ID:21239					
EP_NO: 11489					
Repair Type: No Action Needed					
Crossing Status: Found					
UCIP Comments:					
FIELD_STRUCT_DESC: 4 of 4: 36-inch CM drainpipe through the					
levee, 15.2 feet below the crown. Flap gate on the waterward end.					
Concrete headwalls on both ends. (USACE-1961). This entry matches					
the Drainage or Irrigation Structure referenced in O&M manual (HLM					
1.25). This pipe was retained under ABO No. 11489 (1975).					
FS Date: 1/22/2014					

Photo 1 of 3 : UCIP_SP_2017_27967_51671.jpg



Pipe and concrete headwall on LS toe.

LM Start	1.24	Rating **	A/W	Issue No.	32 (cont)
LM End	1.24	Issue Type +	Ma	Location *	WS

Photo 2 of 3 : UCIP_SP_2017_27967_51670.jpg



Pipe from LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Scotts Creek	Left	1.36	04/04/2017 04/04/2017	Bob Duffey

LM Start	1.24	Rating **	A/W	Issue No.	32 (cont)	
LM End	1.24	Issue Type +	Ma	Location *	WS	
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP LMA Responsibility			39.160386 °	39.160386 °	
				-122.926239 °	-122.926239 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:27967						
DS_ID:21239						
EP_NO: 11489						
Repair Type: No Action Needed						
Crossing Status: Found						
UCIP Comments:						
FIELD_STRUCT_DESC: 4 of 4: 36-inch CM drainpipe through the						
levee, 15.2 feet below the crown. Flap gate on the waterward end.						
Concrete headwalls on both ends. (USACE-1961). This entry matches						
the Drainage or Irrigation Structure referenced in O&M manual (HLM						
1.25). This pipe was retained under ABO No. 11489 (1975).						
FS Date: 1/22/2014						

Photo 3 of 3 : UCIP_SP_2017_27967_51669.jpg



Flapgate on concrete headwall on WS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Page, Alley and Clover Creek Diversion	Right	1.49	04/04/2017 04/04/2017	Bob Duffey

LM Start	0.14	Rating **	A/W	Issue No.	17
LM End	0.14	Issue Type +	Ma	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.176422 °	39.176422 °
				-122.909978 °	-122.909978 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:26947					
DS_ID:21236					
EP_NO: 11499					
Repair Type: No Action Needed					
Crossing Status: Found					
UCIP Comments:					
FIELD_STRUCT_DESC: 1 of 2: 42-inch CM drainpipe through the					
levee, 12.0 feet below the crown. Flap gate on the waterward end.					
Concrete headwalls on both ends. Originally included in 1961 O+M					
manual. Retained under ABO No. 11499 (1975).					
FS Date: 1/9/2014					

Photo 1 of 3 : UCIP_SP_2017_26947_49793.jpg



Concrete headwall visible on LS toe.

LM Start	0.14	Rating **	A/W	Issue No.	17 (cont)
LM End	0.14	Issue Type +	Ma	Location *	LS

Photo 2 of 3 : UCIP_SP_2017_26947_49792.jpg



Concrete headwall visible on LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Page, Alley and Clover Creek Diversion	Right	1.49	04/04/2017 04/04/2017	Bob Duffey

LM Start	0.14	Rating **	A/W	Issue No.	17 (cont)
LM End	0.14	Issue Type +	Ma	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.176422 °	39.176422 °
				-122.909978 °	-122.909978 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:26947 DS_ID:21236 EP_NO: 11499 Repair Type: No Action Needed Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 1 of 2: 42-inch CM drainpipe through the levee, 12.0 feet below the crown. Flap gate on the waterward end. Concrete headwalls on both ends. Originally included in 1961 O+M manual. Retained under ABO No. 11499 (1975). FS Date: 1/9/2014					

Photo 3 of 3 : UCIP_SP_2017_26947_49791.jpg



Concrete headwall visible on WS berm.

LM Start	0.14	Rating **	A/W	Issue No.	18
LM End	0.14	Issue Type +	Ma	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.176419 °	39.176419 °
				-122.909954 °	-122.909954 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:26948 DS_ID:21225 EP_NO: 11499 Repair Type: No Action Needed Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 2 of 2: 42-inch CM drainpipe through the levee, 12.0 feet below the crown. Flap gate on the waterward end. Concrete headwalls on both ends. Originally included in 1961 O+M manual. This pipe was retained under ABO No. 11499 (1975). FS Date: 1/9/2014					

Photo 1 of 3 : UCIP_SP_2017_26948_49797.jpg



Concrete headwall and inlet visible on LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Page, Alley and Clover Creek Diversion	Right	1.49	04/04/2017 04/04/2017	Bob Duffey

LM Start	0.14	Rating **	A/W	Issue No.	18 (cont)	
LM End	0.14	Issue Type +	Ma	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			39.176419 °	39.176419 °	
				-122.909954 °	-122.909954 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:26948						
DS_ID:21225						
EP_NO: 11499						
Repair Type: No Action Needed						
Crossing Status: Found						
UCIP Comments:						
FIELD_STRUCT_DESC: 2 of 2: 42-inch CM drainpipe through the						
levee, 12.0 feet below the crown. Flap gate on the waterward end.						
Concrete headwalls on both ends. Originally included in 1961 O+M						
manual. This pipe was retained under ABO No. 11499 (1975).						
FS Date: 1/9/2014						

Photo 2 of 3 : UCIP_SP_2017_26948_49796.jpg



Concrete headwall and inlet visible on LS toe.

LM Start	0.14	Rating **	A/W	Issue No.	18 (cont)
LM End	0.14	Issue Type +	Ma	Location *	LS

Photo 3 of 3 : UCIP_SP_2017_26948_49795.jpg



Concrete headwall visible on toe of WS berm.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Page, Alley and Clover Creek Diversion	Right	1.49	04/04/2017 04/04/2017	Bob Duffey

LM Start	0.40	Rating **	A	Issue No.	15
LM End	0.40	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.176400 °	39.176400 °
				-122.905020 °	-122.905020 °
DWR ID	DWR_NA0009_04_s_2017_15				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
There are native grasses on both slopes.					

Photo 1 of 1 : SP_2017_NA0009_6_15_20170410_00021.jpg



View of the native grasses on both slopes.

LM Start	0.74	Rating **	N	Issue No.	14	
LM End	0.74	Issue Type +	Ma	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Trim / Thin Trees			39.177678 °		39.177678 °
				-122.899097 °		-122.899097 °
DWR ID	DWR_NA0009_04_f_2016_14					
Comment Code						
T5 : Tree stumps.						
Inspector Comment						

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Page, Alley and Clover Creek Diversion	Right	1.49	04/04/2017 04/04/2017	Bob Duffey

LM Start	0.75	Rating **	U	Issue No.	20
LM End	0.75	Issue Type +	Ma	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.177676 °	39.177676 °
				-122.898917 °	-122.898917 °
DWR ID					

Comment Code

Inspector Comment

FS_ID:51472
DS_ID:21227
EP_NO: 11501
Repair Type: Urgent
Crossing Status: Found
UCIP Comments: 11/30/2016 Clover Creek has significant sediment build up that blocks the outlet. Crossing is still in use to drain water from LS to WS according to LMA representative, Scott Webb. (O. Magana - DWR UCIP)01/09/2014 Pipe rusted through at connection to flapgate. Good indication pipe may need replacement. Video inspection recommended. (W. Wylie - DWR UCIP)
FIELD_STRUCT_DESC: 24-inch corrugated metal (CM) drainage pipe through the levee, 13.8 feet below the crown. Flap gate is located on the waterside (WS) end. Concrete headwalls located on both the WS and landside (LS) ends. (24-inch pipe was retained under Automatic Board Order (ABO) issued as Permit No. 11501, 1975 - Sisevich).
[Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual Unit 506.2, August 1961, (HLM 0.77)].
FS Date: 11/30/2016

LM Start	0.75	Rating **	U	Issue No.	20 (cont)
LM End	0.75	Issue Type +	Ma	Location *	LS

Photo 1 of 3 : UCIP_SP_2017_51472_49754.jpg



Drainage canal at inlet on LS toe.

Photo 2 of 3 : UCIP_SP_2017_51472_49753.jpg



Pipe and concrete headwall visible in drainage channel on LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Page, Alley and Clover Creek Diversion	Right	1.49	04/04/2017 04/04/2017	Bob Duffey

LM Start	0.75	Rating **	U	Issue No.	20 (cont)	
LM End	0.75	Issue Type +	Ma	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			39.177676 °	39.177676 °	
				-122.898917 °	-122.898917 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:51472 DS_ID:21227 EP_NO: 11501 Repair Type: Urgent Crossing Status: Found UCIP Comments: 11/30/2016 Clover Creek has significant sediment build up that blocks the outlet. Crossing is still in use to drain water from LS to WS according to LMA representative, Scott Webb. (O. Magana - DWR UCIP)01/09/2014 Pipe rusted through at connection to flapgate. Good indication pipe may need replacement. Video inspection recommended. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal (CM) drainage pipe through the levee, 13.8 feet below the crown. Flap gate is located on the waterside (WS) end. Concrete headwalls located on both the WS and landside (LS) ends. (24-inch pipe was retained under Automatic Board Order (ABO) issued as Permit No. 11501, 1975 - Sisevich). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual Unit 506.2, August 1961, (HLM 0.77)]. FS Date: 11/30/2016						

Photo 3 of 3 : UCIP_SP_2017_51472_49752.jpg



Flapgate at concrete headwall on WS toe.

LM Start	0.93	Rating **	M	Issue No.	5
LM End	0.93	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.178953 °	39.178953 °
				-122.896629 °	-122.896629 °
DWR ID	DWR_NA0009_04_s_2016_5				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain			

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Page, Alley and Clover Creek Diversion	Right	1.49	04/04/2017 04/04/2017	Bob Duffey

LM Start	1.05	Rating **	C	Issue No.	2
LM End	1.08	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.180479 °	39.180857 °
				-122.896567 °	-122.896165 °
DWR ID	DWR_NA0009_04_s_2012_2				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					
The trees were trimmed up 5 feet for visibility.					

No Photos

LM Start	1.19	Rating **	A/W	Issue No.	21
LM End	1.19	Issue Type +	Ma	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.182079 °	39.182079 °
				-122.895038 °	-122.895038 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:26924					
DS_ID:21228					
EP_NO: 11496					
Repair Type: No Action Needed					
Crossing Status: Found					
UCIP Comments:					
FIELD_STRUCT_DESC: 42-inch CM drainpipe through the levee, 8-					
Feet below the crown. Flap gate on the waterward end. Concrete					
headwalls on both ends. Originally included in the 1961 O+M manual.					
This pipe was retained under ABO No. 11496 (1975).					
FS Date: 1/9/2014					

Photo 1 of 3 : UCIP_SP_2017_26924_49762.jpg



Drainpipe visible at LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Page, Alley and Clover Creek Diversion	Right	1.49	04/04/2017 04/04/2017	Bob Duffey

LM Start	1.19	Rating **	A/W	Issue No.	21 (cont)	
LM End	1.19	Issue Type +	Ma	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			39.182079 °	39.182079 °	
				-122.895038 °	-122.895038 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:26924 DS_ID:21228 EP_NO: 11496 Repair Type: No Action Needed Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 42-inch CM drainpipe through the levee, 8-Feet below the crown. Flap gate on the waterward end. Concrete headwalls on both ends. Originally included in the 1961 O+M manual. This pipe was retained under ABO No. 11496 (1975). FS Date: 1/9/2014						

Photo 2 of 3 : UCIP_SP_2017_26924_49761.jpg



Concrete headwall and drainpipe visible at LS toe.

LM Start	1.19	Rating **	A/W	Issue No.	21 (cont)
LM End	1.19	Issue Type +	Ma	Location *	LS

Photo 3 of 3 : UCIP_SP_2017_26924_49760.jpg



Concrete headwall visible off WS berm.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Page, Alley and Clover Creek Diversion	Right	1.49	04/04/2017 04/04/2017	Bob Duffey

LM Start	1.33	Rating **	C	Issue No.	8
LM End	1.40	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.183708 °	39.184717 °
				-122.893480 °	-122.893418 °
DWR ID	DWR_NA0009_04_s_2016_8				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					
Orchard trees were trimmed up 5 feet for visibility.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Clover Creek and Clover Creek Diversion	Left	1.03	04/04/2017 04/04/2017	Bob Duffey

LM Start	0.30	Rating **	M	Issue No.	3
LM End	0.30	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.176957 °	39.176957 °
				-122.898673 °	-122.898673 °
DWR ID	DWR_NA0009_05_s_2012_3				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

Photo 1 of 1 : SP_2017_NA0009_7_3_20170315_00001.jpg



View of the elderberry along the landside toe.

LM Start	0.31	Rating **	M	Issue No.	14
LM End	0.31	Issue Type +	Ma	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.177076 °	39.177076 °
				-122.898879 °	-122.898879 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:26897					
DS_ID:21235					
EP_NO: 11507					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: Some sediment buildup at LS toe.					
FIELD_STRUCT_DESC: 1 of 6: 36-inch CM irrigation pipe through the					
levee, 12.0 feet below the crown. Slide gate on waterward end. Steel					
walkway on waterward slope to slide gate. Concrete headwall on both					
ends. Originally included in 1961 O+M manual. Structure and pipes					
retained under ABO Permit No. 11507 (1975).					
FS Date: 1/9/2014					

Photo 1 of 3 : UCIP_SP_2017_26897_49712.jpg



Slide gate at steel walkway on WS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Clover Creek and Clover Creek Diversion	Left	1.03	04/04/2017 04/04/2017	Bob Duffey

LM Start	0.31	Rating **	M	Issue No.	14 (cont)	
LM End	0.31	Issue Type +	Ma	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP LMA Responsibility			39.177076 °		39.177076 °
				-122.898879 °		-122.898879 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:26897						
DS_ID:21235						
EP_NO: 11507						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: Some sediment buildup at LS toe.						
FIELD_STRUCT_DESC: 1 of 6: 36-inch CM irrigation pipe through the						
levee, 12.0 feet below the crown. Slide gate on waterward end. Steel						
walkway on waterward slope to slide gate. Concrete headwall on both						
ends. Originally included in 1961 O+M manual. Structure and pipes						
retained under ABO Permit No. 11507 (1975).						
FS Date: 1/9/2014						

Photo 2 of 3 : UCIP_SP_2017_26897_49711.jpg



Outlet visible at concrete headwall on LS toe.

LM Start	0.31	Rating **	M	Issue No.	14 (cont)
LM End	0.31	Issue Type +	Ma	Location *	LS

Photo 3 of 3 : UCIP_SP_2017_26897_49710.jpg



Slide gate at concrete headwall on WS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Clover Creek and Clover Creek Diversion	Left	1.03	04/04/2017 04/04/2017	Bob Duffey

LM Start	0.31	Rating **	M	Issue No.	15 (cont)	
LM End	0.31	Issue Type +	Ma	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			39.177074 °	39.177074 °	
				-122.898902 °	-122.898902 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:26891						
DS_ID:21234						
EP_NO: 11507						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: Some sediment buildup on LS toe.						
FIELD_STRUCT_DESC: 2 of 6: 36-inch CM irrigation pipe through the						
levee, 12.0 feet below the crown. Slide gate on waterward end. Steel						
walkway on waterward slope to slide gate. Concrete headwalls on both						
ends. Originally included in 1961 O+M manual. Structure and pipes						
retained under ABO Permit No. 11507 (1975).						
FS Date: 1/9/2014						

Photo 3 of 3 : UCIP_SP_2017_26891_49680.jpg



Slide gate visible at concrete headwall on WS toe.

LM Start	0.32	Rating **	M	Issue No.	16
LM End	0.32	Issue Type +	Ma	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.177078 °	39.177078 °
				-122.898926 °	-122.898926 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:26888					
DS_ID:21233					
EP_NO: 11507					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: Some sediment buildup at outlet on LS toe.					
FIELD_STRUCT_DESC: 3 of 6: 36-inch CM irrigation pipe through the					
levee, 12.0 feet below the crown. Concrete headwall on both ends.					
Steel slide gate plate blocks inlet on WS toe. Originally included in					
1961 O+M manual. Structure and pipes retained under ABO Permit No.					
11507 (1975).					
FS Date: 1/9/2014					

Photo 1 of 3 : UCIP_SP_2017_26888_49666.jpg



Steel slide gate visible at concrete headwall on WS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Clover Creek and Clover Creek Diversion	Left	1.03	04/04/2017 04/04/2017	Bob Duffey

LM Start	0.32	Rating **	M	Issue No.	16 (cont)	
LM End	0.32	Issue Type +	Ma	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			39.177078 °	39.177078 °	
				-122.898926 °	-122.898926 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:26888						
DS_ID:21233						
EP_NO: 11507						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: Some sediment buildup at outlet on LS toe.						
FIELD_STRUCT_DESC: 3 of 6: 36-inch CM irrigation pipe through the						
levee, 12.0 feet below the crown. Concrete headwall on both ends.						
Steel slide gate plate blocks inlet on WS toe. Originally included in						
1961 O+M manual. Structure and pipes retained under ABO Permit No.						
11507 (1975).						
FS Date: 1/9/2014						

Photo 2 of 3 : UCIP_SP_2017_26888_49665.jpg



Outlet visible at concrete headwall on LS toe.

LM Start	0.32	Rating **	M	Issue No.	16 (cont)
LM End	0.32	Issue Type +	Ma	Location *	LS

Photo 3 of 3 : UCIP_SP_2017_26888_49664.jpg



Steel slide gate visible at concrete headwall on WS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Clover Creek and Clover Creek Diversion	Left	1.03	04/04/2017 04/04/2017	Bob Duffey

LM Start	0.32	Rating **	M	Issue No.	17
LM End	0.32	Issue Type +	Ma	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.177074 °	39.177074 °
				-122.898949 °	-122.898949 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:26885					
DS_ID:21232					
EP_NO: 11507					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: Some sediment buildup at outlet on LS toe.					
FIELD_STRUCT_DESC: 4 of 6: 36-inch CM irrigation pipe through the					
levee, 12.0 feet below the crown. Concrete headwall on both ends					
[Clover Creek Diversion Structure] . Originally included in 1961 O+M					
manual. Structure and pipes retained under ABO Permit No. 11507					
(1975).					
FS Date: 1/9/2014					

Photo 1 of 3 : UCIP_SP_2017_26885_49634.jpg



Steel plate slide gate visible at headwall on WS toe.

LM Start	0.32	Rating **	M	Issue No.	17 (cont)
LM End	0.32	Issue Type +	Ma	Location *	LS

Photo 2 of 3 : UCIP_SP_2017_26885_49633.jpg



Outlet visible at concrete headwall on LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Clover Creek and Clover Creek Diversion	Left	1.03	04/04/2017 04/04/2017	Bob Duffey

LM Start	0.32	Rating **	M	Issue No.	18 (cont)	
LM End	0.32	Issue Type +	Ma	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			39.177070 °	39.177070 °	
				-122.898967 °	-122.898967 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:26883						
DS_ID:21231						
EP_NO: 11507						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: Some sediment buildup on LS toe.						
FIELD_STRUCT_DESC: 5 of 6: 36-inch CM irrigation pipe through the						
levee, 12.0 feet below the crown. Concrete headwall on both ends						
[Clover Creek Diversion Structure] . Steel slide gate blocks inlet on WS						
toe. Originally included in 1961 O+M manual. Structure and pipes						
retained under ABO Permit No. 11507 (1975).						
FS Date: 1/9/2014						

Photo 2 of 3 : UCIP_SP_2017_26883_49621.jpg



Pipe visible at concrete headwall on LS toe.

LM Start	0.32	Rating **	M	Issue No.	18 (cont)
LM End	0.32	Issue Type +	Ma	Location *	LS

Photo 3 of 3 : UCIP_SP_2017_26883_49620.jpg



Metal slide gate visible at concrete headwall on WS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Clover Creek and Clover Creek Diversion	Left	1.03	04/04/2017 04/04/2017	Bob Duffey

LM Start	0.32	Rating **	M	Issue No.	19
LM End	0.32	Issue Type +	Ma	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.177066 °	39.177066 °
				-122.898986 °	-122.898986 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:26877					
DS_ID:21229					
EP_NO: 11507					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: Some sediment buildup at outlet on LS toe.					
FIELD_STRUCT_DESC: 6 of 6: 36-inch CM pipe through the levee,					
12.0 feet below the crown [Clover Creek Diversion Structure]. Concrete					
headwall on both ends. Steel slide gate covers WS inlet. Structure and					
pipes retained under ABO Permit No. 11507 (1975). Originally included					
in 1961 O+M manual.					
FS Date: 1/9/2014					

Photo 1 of 3 : UCIP_SP_2017_26877_49610.jpg



Steel slide gate visible at headwall on WS toe.

LM Start	0.32	Rating **	M	Issue No.	19 (cont)
LM End	0.32	Issue Type +	Ma	Location *	LS

Photo 2 of 3 : UCIP_SP_2017_26877_49609.jpg



Concrete headwall on LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Clover Creek and Clover Creek Diversion	Left	1.03	04/04/2017 04/04/2017	Bob Duffey

LM Start	0.32	Rating **	M	Issue No.	19 (cont)	
LM End	0.32	Issue Type +	Ma	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP LMA Responsibility			39.177066 °		39.177066 °
				-122.898986 °		-122.898986 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:26877						
DS_ID:21229						
EP_NO: 11507						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: Some sediment buildup at outlet on LS toe.						
FIELD_STRUCT_DESC: 6 of 6: 36-inch CM pipe through the levee,						
12.0 feet below the crown [Clover Creek Diversion Structure]. Concrete						
headwall on both ends. Steel slide gate covers WS inlet. Structure and						
pipes retained under ABO Permit No. 11507 (1975). Originally included						
in 1961 O+M manual.						
FS Date: 1/9/2014						

Photo 3 of 3 : UCIP_SP_2017_26877_49608.jpg



Steel slide gate visible at headwall on WS toe.

LM Start	0.68	Rating **	A	Issue No.	13
LM End	0.68	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.175715 °	39.175715 °
				-122.905222 °	-122.905222 °
DWR ID	DWR_NA0009_05_s_2017_13				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
There are native grasses on both slopes.					

Photo 1 of 1 : SP_2017_NA0009_7_13_20170410_00023.jpg



View of the native grasses on both slopes.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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